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(currently amended) A landfill gas extraction system, comprising:

at least one fan module configured for communicating with methane in the landfill;

at least one fan disposed in the fan module to extract methane out of the landfill when the fan module is engaged with a landfill well of the landfill and the fan is activated;

at least one battery for powering the fan; and

at least one solar panel electrically connected to the battery to recharge the battery, the fan module comprising:

a fan pipe holding the fan and first and second flanges engaged with opposite ends of the fan pipe for mating with respective flanges of a landfill well, the fan being disposed between the flanges.

- 2. (original) The system of Claim 1, wherein the fan is a DC-powered fan.
- (original) The system of Claim 2, wherein the fan is an axial fan.
- 4. (canceled).
- 5. (currently amended) The system of Claim [4]1, further comprising at least one support rod extending through at least two flanges.

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- 6. (original) The system of Claim 1, wherein the battery is a rechargeable lead acid twelve volt battery.
- 7. (original) The system of Claim 1, wherein the solar panel includes an array of solar cells for converting sunlight to electricity.
- 8. (original) The system of Claim 1, further comprising a voltage controller electrically disposed between the battery and solar panel to maintain a predetermined voltage to the battery.
 - 9. (original) A method for extracting gas from a landfill well, comprising: installing a fan module in the well, the fan module containing at least one DC-powered fan; energizing the fan using at least one battery to cause fluid to be exhausted from the well; and recharging the battery using at least one solar cell.
- 10. (original) The method of Claim 9, further comprising securing engagement of the fan module with the landfill well using at least one support rod.
- 11. (original) The method of Claim 9, wherein the battery is a twelve volt lead acid battery, and is the sole source of power for the fan.
 - 12. (original) The method of Claim 9, wherein the fan is an axial fan.

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- 13. (original) The method of Claim 9, comprising exhausting gas from the well at a rate of about forty standard cubic feet per minute or greater.
 - 14. (original) The method of Claim 9, comprising maintaining twelve volts DC to the battery.
 - 15. (original) A modular landfill gas extraction system, comprising:

 fan means in fluid communication with at least one landfill well for exhausting gas therefrom;

 battery means for powering the fan means; and

 solar power means for recharging the battery means.
- 16. (original) The system of Claim 15, wherein the fan means includes at least one DC-powered fan disposed in a fan module, the battery means includes a lead acid battery, and the solar power means includes at least one solar panel.
 - 17. (original) The system of Claim 16, wherein the fan is an axial fan.
- 18. (original) The system of Claim 16, wherein the fan module includes a fan pipe holding the fan and first and second flanges engaged with opposite ends of the fan pipe for mating with respective flanges of the landfill well.

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- 19. (original) The system of Claim 18, further comprising at least one support rod extending through at least two flanges to securely hold the fan module in engagement with the landfill well.
- 20. (original) The system of Claim 16, further comprising voltage control means electrically disposed between the battery and solar panel for maintaining twelve volts to the battery.

1068-8.AMD

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